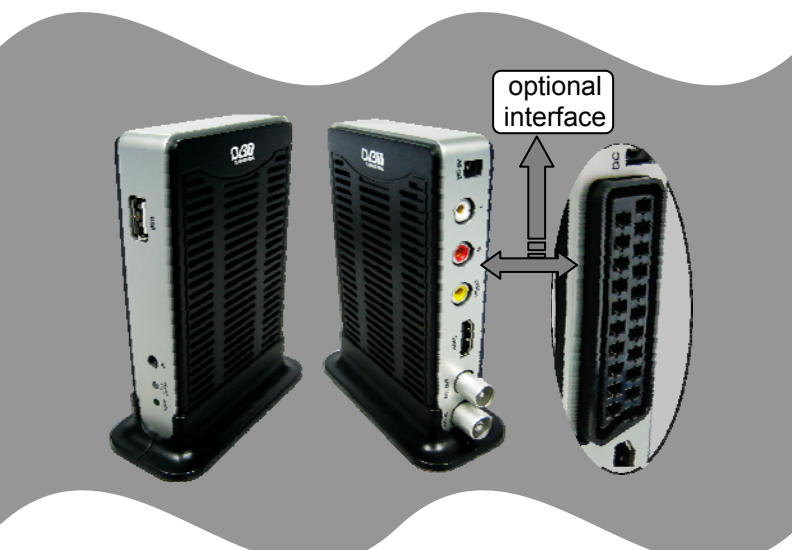
English

USER'S MANUAL

MiNi HD DVB-T
H.264 MPEG4
Digital Terrestrial Receiver



TV-1167HD

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Important Safety Instructions

1) Read these instructions.
2) Keep these instructions.
3) Heed all warnings.
4) Follow all instructions.
5) Do not use this apparatus near water.
6) Clean only with dry cloth.
7) Do not block any ventilation openings, install in accordance with the Instructions.
8) Do not install near any heat sources such as radiations, heat registers, Stoves or other apparatus (including amplifiers) that produce heat.
9) Do not defeat the safety purpose of the polarized plug. If the provided Plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10) Protected the power cord from being walked on or pinched particularly At plugs, convenience receptacles, and the point where they exit from the apparatus.
11) Only use attachments/accessories specified by the manufacturer.
12) Unplug this apparatus during lighting storms or when unused for long periods of time.
13) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-Supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
14) Mains plug is used as the disconnect device, the disconnect device shall remain readily operable.
15) The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, table-cloth, curtains, etc.
16) No naked flame sources, such as lighted candles, should be placed on the apparatus.
17) Attention should be drawn to the environmental aspects of battery disposal.
18) The use of apparatus in moderate climate.
WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
WARNING: The batteries shall not be exposed to excessive heat such as sunshine, fire or the like.

The symbol indicates that dangerous voltages constituting a risk of electric shock are present within this unit.

The symbol indicates that there are important operating and maintenance instructions in the literature accompanying this unit.

This symbol indicates that this product incorporates double insulation between hazardous mains voltage and user accessible parts. When servicing use only identical replacement parts.

CAUTION:
When the apparatus was in electrostatic circumstance, it may be malfunction and need to reset by user.

Main Features

- Fully comply with DVB-T and H.264, AVC, MPEG4, MPEG2 Standard
- HDMI (up to 1080I) Output
- Support EPG Display Present/ Next TV Program
- Support 7MHz & 8 MHz Software Setting
- PAL & NTSC Auto Switch
- Support VBI&OSD Teletext, OSD Subtitle, LCN
- Scart jacks & AV jacks (optional interface)
- Multi-languages Support
- Auto / Manual scan
- 1000 channels
- EuP
- Real-time recording function with delay
- Support USB SW Upgrade & reading , ANT IN Modulator optional Support external 2.5inch USB HDD (160G, 250G, 320G), Playback & Recording optional

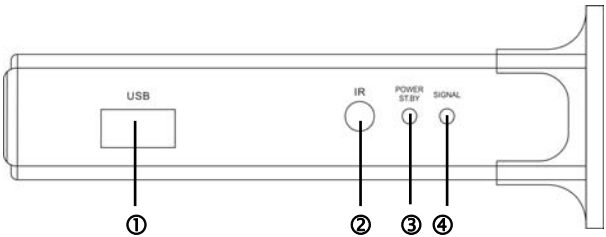
Package Contents

Before installing the product, please check that you have in possession the following.

~ DVB-T Receiver x1
~ Remote Control x1
~ User Manual x1
~ Adapter x1

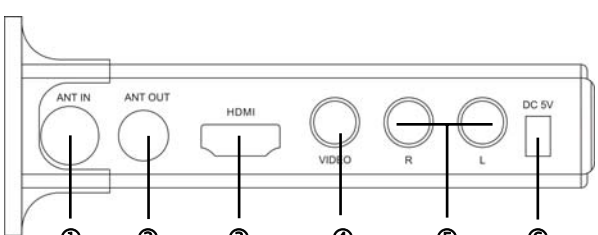
Front and Rear Panel

Front panel Guide:



1. USB 2.0 Port: Data input from USB storage devices.
2. IR: Connect to infrared receiver
3. POWER STANDBY: Used to visually show power state of the set top box, the LED will turn red if the set top box enter standby mode.
4. SIGNAL LED: Used to receive the signal from the remote control.

Rear panel Guide:



1. ANT IN: This socket connects to your external Aerial.
2. ANT OUT: This socket will bypass the RF signal to either your TV or another video system.
3. HDMI: High definition audio and video output used to connect to a HDMI device
4. VIDEO: This socket outputs composite video signal.
5. R/L: This socket outputs Analog audio L/R signal.
6. DC 5V: Connect to the power supply

Remote Control

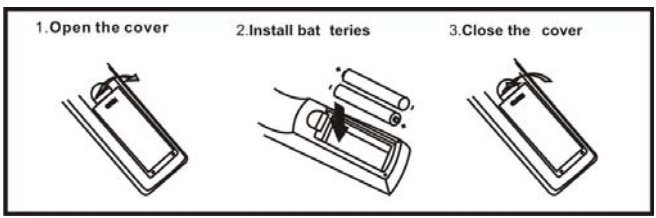
KEY	FUNCTION	KEY	FUNCTION
POWER	Turn the STB Receiver ON and OFF	CH+, CH-	Navigates through the Menus. Selects the next or previous Channel
MUTE	Mute or Restore Audio Output	VOL+, VOL-	Navigates through the Menus. Increases or decreases volume.
0~9	Selects a channel or setting	⏮	Skips to the previous track during playing media and skips to the previous channel during playing DTV.
LIST	Executes the selected item in the menu screen or enters the desired value in any input mode	⏭	Skips to the next track during playing. media and skips to the next channel during Playing DTV.
INFO	Display information about the current channel	◀◀	Searches forwards during media play
AUDIO	Selects an Audio Language or Audio Mode	▶▶	Searches backwards during media play
RECALL	Used to switch between the last two vieved channels	●	Press this key start to record the program
GOTO	Selects the play time of media	▶	Starts or resumes media play
SUB-T	Display subtitle options (availability depends on the channel)	■	Stops media play
MENU	Turns on Main Menu	TV/ RADIO	Switches from TV function to Radio function and from Radio to TV.
EPG	(Electronic Program Guide) Turns the program guide on	PVR	Bring up record list in Record Manage menu
FAV	Displays your favorite channels list. Press FAV again to access to the other favorite lists	TXT	View text information of current service (if available)
EXIT	Use this key to quit current menu	PAUSE	Pauses media play
🔴🟢🟡🔵	Operate different function in TEXT screen	REPEAT	Selects Repeat or turn off Repeat mode

Installing the Batteries

Remote Control

Remove the battery cover from the and put 2xAAA size Batteries inside the compartment.

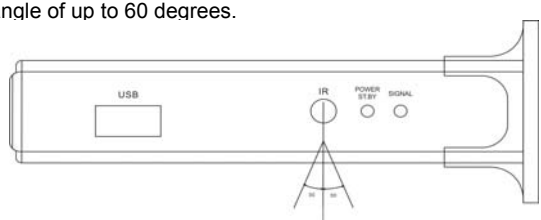
The diagram inside the Battery Compartment shows the correct way to install the batteries.



Using the Remote Control

To use the Remote Control, point it towards the front of the Digital Set Top Box.

The Remote Control has a range of up to 7 meters from the Set Top Box at an angle of up to 60 degrees.

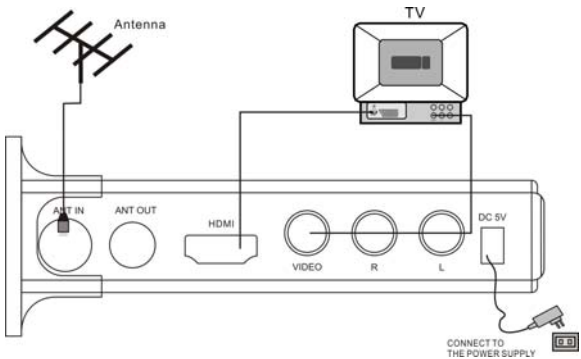


The Remote Control will not operate if its path is blocked.

Sunlight or very bright light will decrease the sensitivity of the Remote Control.

Connecting to a Television

For a basic connection from your Set Top Box to the television, use the Composite connection outlined below.
For a higher quality connection, use the Component Video connection outlined below combined with the Composite Audio.
For the highest quality connection use a direct HDMI connection, see below.



First Time Installation

After all connections have been made properly, switch on TV and make sure the receiver is connected to the Main Power. Press Power button to switch receiver on. If you are using the receiver for the first time or restored to Factory Default, the Main Menu will appear on your TV screen.

(1). Select [OSD Language] and press RIGHT/LEFT key to select an language
(2). Select [Country] and press RIGHT/LEFT key to select your country of residence

(3). Select [Channel Search] and press RIGHT or OK key to begin Automatic channel search
(4). Once channel tuning is complete, you are now ready to watch TV

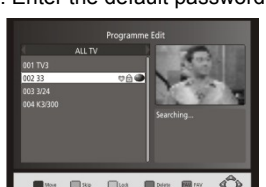
Basic Operation

1. Program Manage Settings

To access the Menu, press the MENU button and select [Program]. The Menu provides options to adjust the Program Manage Settings. Select an option and press OK or RIGHT to adjust that setting. Press the EXIT button to exit the Menu.

2. Program Edit

To edit your program preferences (lock, skip, favorite, move or delete), you will need to enter the Program Edit Menu. This Menu requires a password to access. Enter the default password '000000'.



2.1 Set Favorite Program

You can create a shortlist of favorite programs that you can easily access. Set Favorite TV or Radio program:
(1). Select the pre furred program then press the FAVOURITE button. A heart-shaped symbol will appear and the program is marked as a favorite.
(2). Repeat the previous step to select more Favorite programs.

(3). to confirm and exit the Menu, press the EXIT key
Disable favorite TV or Radio Program:
Press the FAVOURITE button on the Remote Control with the heart-shaped symbol.

2.2 View Favorite Program

(1). Press the Favorite button and the Favorite Menu will appear.
(2). Press UP/DOWN to select your Favorite Programs.
(3). Press OK to select your favorite program.

2.3 Delete a TV or Radio Program

(1). Select the Program and then press the BLUE button.
A message will appear. Press OK to delete the program
(2). Repeat the previous step to select more programs to delete.

2.4 Skip TV or Radio Program

(1). Select the program you would like to skip and press the GREEN button.
A skip symbol is displayed. The program is marked as a skip.
(2). Repeat the previous step to select more programs.
(3). to confirm and exit the menu, press EXIT key.
Disable a skip TV or Radio program:
Press the GREEN button on the skip program with the skip symbol.

2.5 Move a TV or Radio Program

(1). Select the preferred program then press the RED button. A move symbol will appear
(2). Press UP/DOWN to move the program
(3). Press OK to confirm
(4). Repeat the above steps to move more channels

2.6 Lock Program

You can lock selected programs for restricted view.
Lock a TV or Radio Program:
(1). Select the preferred program then press the YELLOW button. A lock-shaped symbol is displayed. The program is now marked as locked
(2). Repeat the previous step to select more programs
(3). to confirm and exit the menu, press the EXIT button
(4). Press the YELLOW button to disable the locked program
(5). to view the locked program, you will be require to enter either the default password '000000' or your last set password.

3. EPG (Electronic program guide)

The EPG is an on-screen TV guide that shows scheduled programs seven days in advance for every tuned channel. Press the EPG button on the Remote Control to access guide.

Programme Guide
Sun. 26 Jan 2008 11:26
26 Jan 11:10-11:30 El medi ambient
26 Jan 11:30-12:00 Noticies 3/24
26 Jan 12:00-12:22 Noticies 3/24
26 Jan 12:22-12:39 Canal Parlament
26 Jan 12:30-13:00 Noticies 3/24
26 Jan 13:00-13:30 Noticies 3/24
26 Jan 13:30-14:00 Noticies 3/24
26 Jan 14:00-14:30 Noticies 3/24
26 Jan 14:30-15:30 Telenoticies migdia
26 Jan 11:10-11:30 Valor afegit
26 Jan 11:10-11:30 Noticies 3/24
Valor afegit
Les comarques de muntanya
Page Up
Page Down

You can use the UP/DOWN key to select the preferred program. If there is more than one page of information, use the BLUE button for page up and the YELLOW button for page down.

4. Sort

Sort your channels from the following options:
[LCN] - Sort the channels in ascending order
[Name] - Sort the channels in alphabetical order
[Service ID] - Sort the channels according to the station

5. LCN (Logical channel number)

Set LCN on or off.

6. Video Setting

To access the Menu, press MENU then select [Picture]. The Menu provides options to adjust the video settings. Press UP/DOWN to select an option and press RIGHT/LEFT to adjust that setting. Press EXIT to exit the menu.

(1). Aspect Ratio

You must set the display format to either 4:3 Pan Scan, 4:3 Letter Box, 16:9
Full Screen or Auto to get the maximum display when watching TV.

(2). Resolution
If the video does not appear correctly, change the setting. This setting is to match the most common setting for HDMI.
[480i]: for NTSC system TV.
[480P]: for NTSC system TV.
[576i]: for PAL system TV.
[576P]: for PAL system TV.
[720P]: for NTSC or PAL system TV.
[1080I]: for NTSC or PAL system TV.
(3). TV format
If the video does not appear correctly, you need to change the settings. This should match the most common setting for TVs in your country.
[NTSC]: for NTSC system TV.
[PAL]: for PAL system TV.

7. Channel Search

To access the menu, press MENU and select [Search Channel].
The Menu provides options to adjust the Search Channel settings.
Select an option and press RIGHT/LEFT to adjust the settings.
Press EXIT to exit the menu.

7.1 Auto Search

Search and install all channels automatically. This option overwrites all preset channels.
(1). Select [Auto Search] and press OK or RIGHT to start channel search.
(2). to cancel channel search, press EXIT.

7.2 Manual Search

Install new channels manually. This option adds new channels without Changing the current channels list.

(1). Select [Manual Search] then press OK or RIGHT. The channel search screen will appear.

(2). Press the RIGHT/LEFT key to select the channel frequency.

(3). Press OK to start searching channels.

If a channel is found, it is saved and added to the channels list.

If channels can't be found, then exit the menu.

(3) Country

Select your country of residence.

(4) Antenna power

Enable Antenna Power if an external active antenna is connected.

8. Time Setting

To access the Menu, press MENU then select [Time]. The Menu provides Options to adjust the time settings.

Press UP/DOWN to select an option and press RIGHT/LEFT to adjust the setting. Press EXIT to exit the menu.

(1). Time offset

Select auto or manual for GMT offset adjustments.

(2). Country Region

Select the Country Region when [Time Offset] is set to Auto.

(3). Time Zone
Select the Time Zone Offset when [Time Offset] is set to Manual.
(4). Sleep
If this setting is off, this function does not work. If this setting is not off, a message will pop up after your preferred time to inform you, that the device will go in to sleep mode.
This message will appear under no any operation. Auto-off function can be set in a time period at 0-12 hours. Standard setting is 3 hours.
Press STANDBY button to exit sleep / auto-off mode.

9. Option

To access the menu, press MENU and select [Option]. The menu provides options to adjust the OSD Language, Subtitle Language and Audio Language.
Select an option and press RIGHT/LEFT to adjust the setting.
Press EXIT to exit the Menu.

(1). OSD Language
Select an OSD language
(2). Audio Language
Select the preferred audio language for watching TV channels.
If the language is not available, the default program language will be used.
(3). Subtitle Language
Select the preferred subtitle language.
(4). Digital Audio
Select digital audio output mode.

10. System Setting

To access the Menu, press MENU and select [System].The menu provides options to adjust the system settings.
Press the UP/DOWN key to select an option and press RIGHT/LEFT to adjust the setting.

Press EXIT to exit the Menu .

(1) Parental Guidance
You can restrict access to channels that are unsuitable for children. To restrict/lock the channel you will need to enter either the default password '000000' or your own password.
(2) Set Password
Set or change the password for locked programs. Enter your old password or the default password '000000'. You will then be asked to enter your new password. To confirm re-enter your new password. Once it is confirmed, press EXIT to exit the Menu.
(3) Restore Factory Default
Reset your Set Top Box to the Default Factory Settings.
In Main Menu select [Restore Factory Default] and press OK or RIGHT to select. Enter your password or the default password '000000' and press OK to confirm. This option will delete all preset channels and settings.
(4) Information
View model, hardware and software information.
(5) Software update
If the status is set 'ON ', it will scan new software from broadcast according to your preferred time in ' 'Start time ' '.

11. USB

To access the Menu, press the MENU button and select [USB]. The menu provides options to playback Music and Photo files, it can support MP3, WMA,JPEG,BMP files, The unit will only support USB device with FAT and FAT32 file system. It will not support NTFS file system.

(1) Multimedia: if no USB device plug in, a warning message "No USB Device is Found" displays, otherwise you can select the Music or Photo type in this menu and press OK to enter the file browser and select the file to playback.

(2) Photo configure:

-Slide Time: adjust slide show interval to 1~8 seconds.

-Slide Mode: adjust slide show effect as mode 0~59 or random.

-Aspect Ratio: Keep displays the picture as its original aspect, Discard displays the picture in full screen mode.

(3) Movie Configure

- **Aspect Ratio:**

[Keep]: Play movie as its original aspect.

[Discard]: Play movie in full screen mode.

- **Subtitle Specific:**

[Small]: Displays the subtitle as small mode.

[Normal]: Displays the subtitle as normal mode.

[Big]: Displays the subtitle as big mode.

- **Subtitle BG:**

[White]: Displays the subtitle in white background.

[Transparent]: Displays the subtitle in transparent background.

[Grey]: Displays the subtitle in grey background.

[Yellow green]: Displays the subtitle in yellow green background.

- **Subtitle Font Color:**

[Red]: Displays Subtitle in red font.

[Blue]: Displays Subtitle in blue font.

[Green]: Displays Subtitle in green font.

Note:

- We cannot guarantee compatibility (operation and/or bus power) with all USB mass storage devices and assumes no responsibility for any loss of data that may occur when connected to this unit.
- With large amounts of data, it may take longer for the system to read the contents of a USB device.
- Some USB devices may not be properly recognized.
- Even when they are in a supported format, some files may not play or display depending on the content.

- PVR Configure:

[Record Device]: Select the disk for the record.

[Format]: Format the selected disk.

Troubleshooting

Problem	Potential Reasons	What to do
No picture	Power isn't connected	Connect the power
	The power switch is not on	Switch on the power
Screen shows "No Signal"	DVB-T cable not connected	Plug in the DVB-T cable
	Incorrect setting	Reset setting
No sound from speaker	No or incorrect connection with audio cable	Connect the audio cable correctly
	Sound on mute	Turn off mute function
	Incorrect sound track	Try another sound track
Only sound, no image on the screen	No or incorrect connection with AV cable	Make sure cables are connected correctly
	The program is a radio program	Press <TV/RADIO> key to shift into TV mode
Remote Control is not responding	The battery is exhausted	Change battery
	Remote Control is not facing or close enough to the Set Top Box	Adjust the position of the Remote Control and move closer to the unit
The image stopped suddenly or mosaic	The signal is too weak	Strengthen the signal

Technical Specifications

Item	Sub Item	Parameter
Tuner	Input Frequency	170~230MHz 470~860MHz
	RF Input level	-25~-82dBm
	IF Bandwidth	7MHz and 8MHz
	Modulation	QPSK,16QAM,64QAM
Video	Decoder Format	MPEG4 AVC/H.264 HP@L4 MPEG2 MP@ML.HL
	Output Format	576P , 720P, 1080i, PAL/ NTSC
	Output Port	HDMI
Audio	Decoder Format	MPEG-1 (layer1&2)
	Audio output	Audio channel:stereo
Power	Voltage	100-240V~ 50/60Hz
	Power	Max 8W
USB2.0	Photo	JPEG, BMP, PNG
	Audio	MP3, WMA, AAC,AC3
	Video	MPEG1,MPEG2,MPEG4,AV1 DIVX
Standby	consumption	≤ 1W

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